CONFIDENTIAL CLASSIFICATION

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INFORMATION REPORT

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 26 JUI. 50

SUBJECT

Work on the A-1 Training Device at Zeiss, Jena

NO. OF PAGES

25X1

PLACE **ACQUIRED** NO. OF ENCLS.

DATE OF INFO.

25X1

SUPPLEMENT TO REPORT NO.

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THIS IS UNEVALUATED INFORMATION

- In each department the most important (optical) people are assigned to the develop-25X1 ment program for the A-l device. Its delivery date is 1 May for the first set. A total of 200 units has been ordered, valued at 16 million Mark.
 - 2. Some technical and designing details have not been settled, so final dimensions and appearance are not definite. A screen three meters square is desired in place of the present two meter square screen, but this presents several problems, A new foundry would be required at Wolfen to pour the larger screen, image ratios in the optical system would have to be changed, and pilot's viewing method would have to be modified. Also, several new proposals enter the situation, such as the use of a "pankratische" (panoramic?) projector, and the $\Lambda - 2$ and $\Lambda = 3$ training devices.
 - 3. Models of U.S. aircraft, locomotives, etc., have been included in the present A-1 training device. The simulated targets are very realistic, and analysis of performance (hits, etc.) is indicated electrically. To provide such automatic action, over 2000 relays are used.

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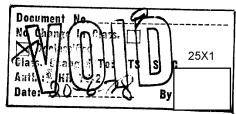
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was responsible for the model photographs and test plates for the A-l. He is reportedly an expert at cutting lines with spacing as fine as 1/1000th of a mm. for Fraunhofer diffraction gratings.

The micro-department is concentrating on instruments for tumor research. Dr. Rnöll is head, and Dr. Zinnsser is prominent in research on tumors at the Frauenklinik. Dr. Knell is reported to have isoleted tumor forming agents and filtrates late in the war.

> This document is hereby regraded to CONFIDENTIAL in accordance with the letter of 16 October 1978 from the Director of Central Intelligence to the Archivist of the United States.

Next Review Date: 2008



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